

SMUD'S SPENT NUCLEAR FUEL STORAGE SYSTEM

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CALIFORNIA ENERGY COMMISSION'S NUCLEAR POWER
WORKSHOP

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ABOUT SMUD

Nation's sixth largest community-owned electric utility

Second-largest in California

Started service on Dec. 31, 1946

Serves more than 570,000 customers

Governed by an elected seven-member Board of Directors



ABOUT SMUD

- Generates, transmits and distributes electric power to a 900-square-mile service area
- Peak demand is 2,932 megawatts set in July 2005
- SMUD's generating capacity is 1,200 megawatts
- 500 megawatt gas-fired Cosumnes Power Plant will be online in 2006

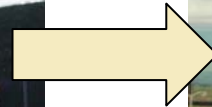
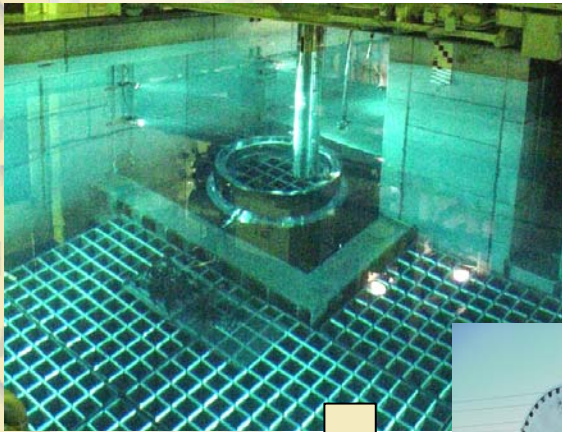


ABOUT SMUD

- A diverse and competitively priced power supply, including hydroelectric, natural gas, solar, wind, and purchased power
- A leader in energy efficiency and renewable energy programs
- SMUD's purpose is to provide solutions for meeting our customers' electrical energy needs

Dry Fuel Storage at Rancho Seco

- ✱ 21 Steel canisters inside thick concrete bunkers
- ✱ 493 Fuel assemblies
- ✱ 1 Canister for Greater Than “C” Waste
- ✱ Transportable: Entire System
- ✱ 24 hr/day armed security force & intrusion detection





RESPONSES TO CEC QUESTIONS

1. Trade-offs between interim storage facilities located at either the individual reactor sites or a centralized location in the West.
2. Implications of maintaining indefinitely on-site storage of spent fuel at the individual reactor site.
3. SMUD's legal response to DOE's arguments in the case of SMUD v. DOE before the U.S. Court of Federal Claims.



RESPONSES TO CEC QUESTIONS

4. SMUD's participation in utilities' collective legal efforts regarding the consequences of DOE's failure to dispose of their spent fuel by 1998.
5. SMUD's response to DOE's position that welded casks will not be accepted at Yucca Mountain.
6. Implications for SMUD from transporting spent fuel to either Yucca Mountain or a centralized interim storage facility in the West.